

Title (en)  
PARKING SUPPORT METHOD AND DEVICE

Title (de)  
EINPARKUNTERSTÜTZUNGSVERFAHREN UND -VORRICHTUNG

Title (fr)  
PROCÉDÉ ET DISPOSITIF D'AIDE AU STATIONNEMENT

Publication  
**EP 3392109 B1 20200415 (EN)**

Application  
**EP 16875150 A 20160801**

Priority  
• JP 2015246109 A 20151217  
• JP 2016072493 W 20160801

Abstract (en)  
[origin: EP3392109A1] A method is provided which comprises: acquiring, from a set of ranging sensors (10), recognition information about a plurality of parked vehicles existing in a parking frame group comprising a plurality of parking frames arranged side by side; selecting representative points (P1) of the parked vehicles from the recognition information; calculating a distance (D) between representative points that is a distance between the representative points (P1) adjacent to each other; and calculating a width of the parking frames on the basis of the distance (D) between representative points.

IPC 8 full level  
**B60R 21/00** (2006.01); **B60W 30/06** (2006.01); **B60W 40/02** (2006.01); **B62D 15/02** (2006.01); **G01S 13/93** (2020.01); **G01S 13/931** (2020.01); **G06T 7/60** (2017.01); **G06V 10/44** (2022.01); **G06V 10/50** (2022.01); **G08G 1/16** (2006.01); **G06K 9/00** (2006.01); **G06K 9/46** (2006.01)

CPC (source: EP KR RU US)  
**B60R 21/00** (2013.01 - KR); **B60W 30/06** (2013.01 - EP KR RU US); **B60W 40/02** (2013.01 - EP KR US); **B62D 15/027** (2013.01 - EP US); **G01S 13/931** (2013.01 - EP); **G06T 7/60** (2013.01 - EP KR US); **G06V 10/44** (2022.01 - EP US); **G06V 10/50** (2022.01 - EP US); **G06V 20/586** (2022.01 - EP US); **G06V 20/64** (2022.01 - EP US); **G08G 1/168** (2013.01 - KR); **B60R 21/00** (2013.01 - EP US); **G01S 2013/9314** (2013.01 - EP); **G01S 2013/93271** (2020.01 - EP); **G01S 2013/93274** (2020.01 - EP); **G01S 2015/936** (2013.01 - US); **G08G 1/16** (2013.01 - EP US)

Cited by  
US10733889B2; EP3451311B1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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